

KLIMA

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Illustrated by
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**“Daddy, I’m ready for school!”
Klima shouted as she left her room.**



“Let me just finish fixing the door. This will be quick,” Daddy replied.

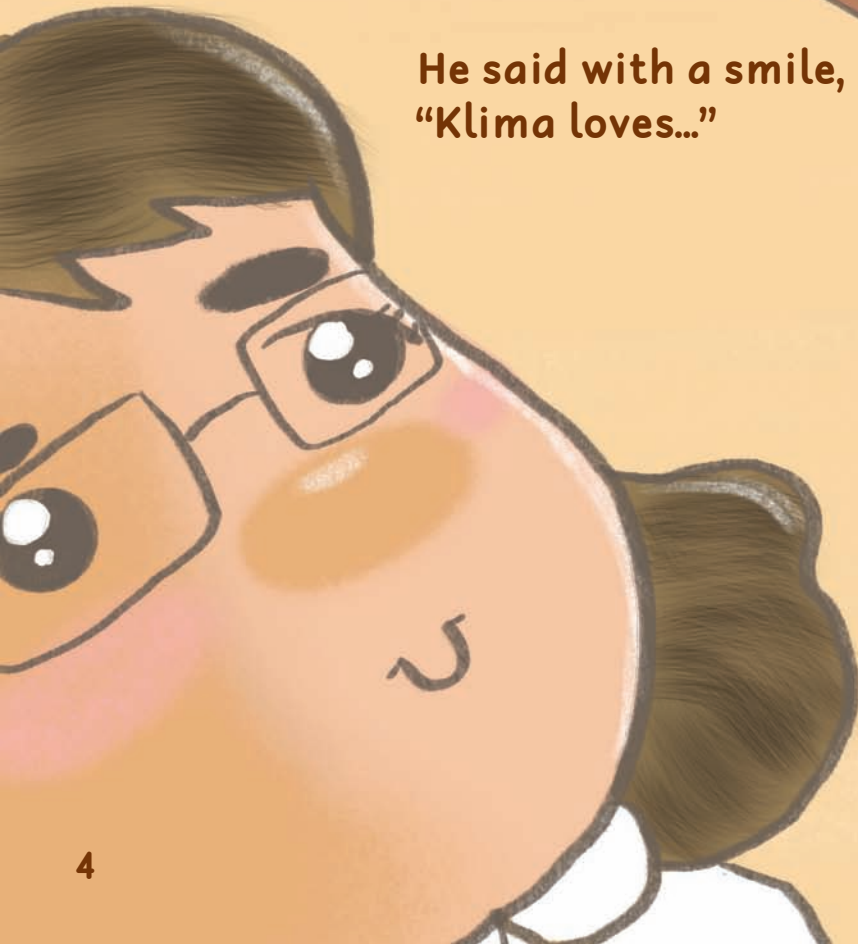
Klima watched her Daddy open the toolbox and replace the broken doorknob.



**“All done!”
he winked at
Klima and
pointed to her
room to remind
her to turn off
the lights.**

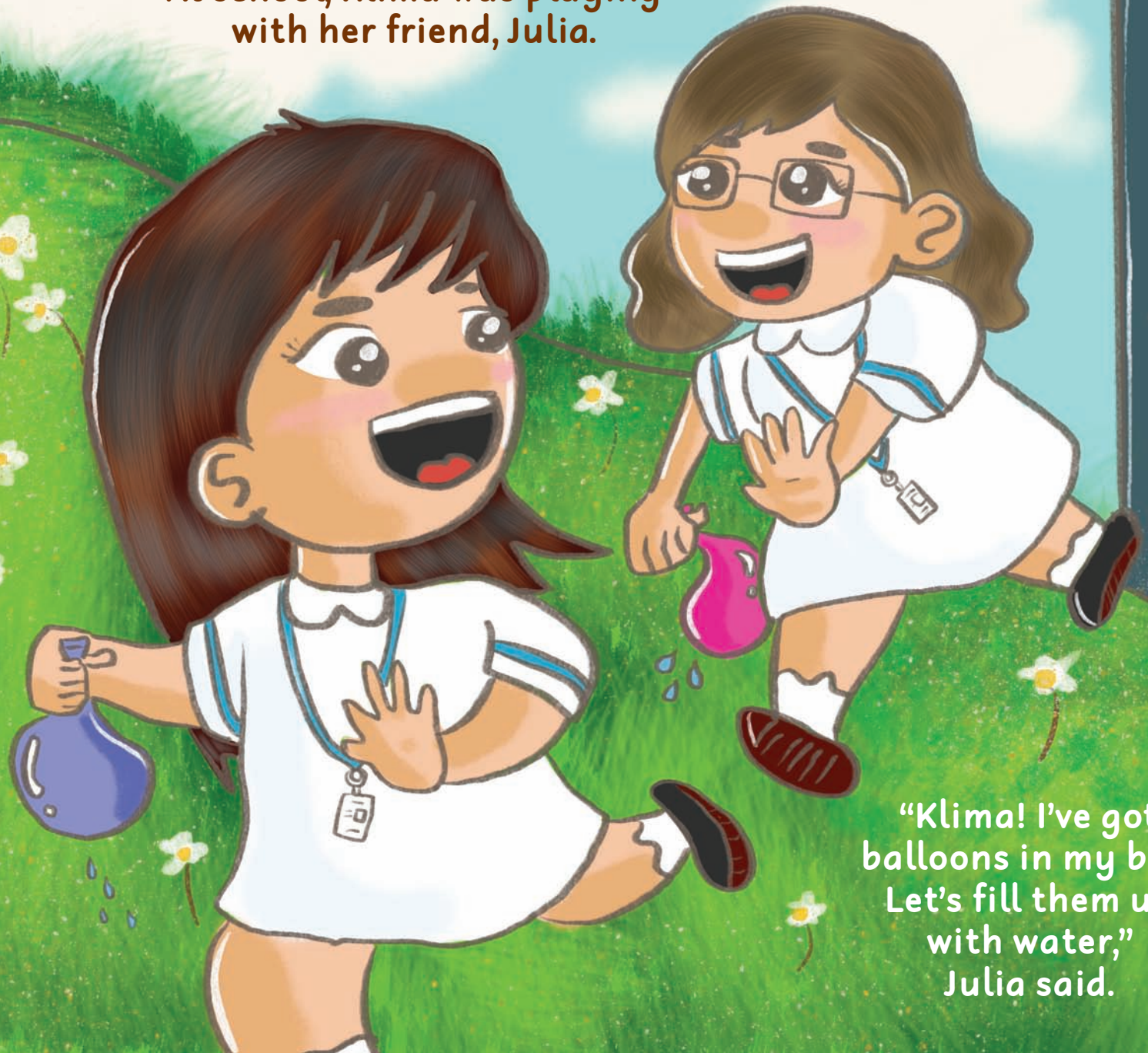


**He said with a smile,
“Klima loves..”**




**...the Earth!!!”
she continued
and then ran
to her room to
switch off the
light.**

At school, Klima was playing
with her friend, Julia.



“Klima! I’ve got
balloons in my bag.
Let’s fill them up
with water,”
Julia said.



The bell rang, and they ran to the
classroom for their next class.
Klima left the faucet dripping.

“That would be fine.
It’s just a little
amount of water,”
Klima said to
herself.



ART CLASS



During their Art class, Teacher Camille asked them to paint a picture of the mountains.

“Make the mountains green because we want our mountains filled with trees! Paint some animals too. We don’t want empty forests, do we?”

Klima found it hard to draw animals. She was getting frustrated. She crumpled her paper for the 10th time.

“Aaargh! This is hard!”
Klima exclaimed.





“I see you are having a hard time. Can we take a break outside after you pick up the trash?”
Teacher Camille asked.



“Okaaay,”
Klima followed
Teacher
Camille.

“Do you know who left this faucet open, Klima?” asked Teacher Camille.

“Uhm, I did. Because I was in a hurry,” Klima responded with guilt.

“I know you’ve got to hurry, but the Earth is also losing time. The little things that we don’t do to help the Earth will harm us in the future. Throwing garbage everywhere, using too much paper, and even leaving the faucet dripping, are signs that we are not taking care of the Earth. I know you are a good girl, Klima. Please don’t change,” she explained.

Then she gave Klima a pocket mirror. “This can help you understand what can happen in the future.”





That night, Klima kept on thinking about what Teacher Camille said. She took the pocket mirror and looked at her reflection.



“Klima loves the Earth, but...”

A bright light came out of the mirror and filled her room!

When she opened her eyes, she saw herself in school wearing the same clothes she wore that day. It was as if she was watching a replay of her day. She was playing water balloons with Julia, leaving the faucet drip, and throwing away papers on the floor.



Then, she suddenly grew up into a teenager but kept doing the same things. She turned into an old lady and still did the same things over again.

She noticed that as she watched herself grow older, the world around her became hotter, drier, and sadder.



“What’s happening?” she thought.



She saw the pocket mirror on the floor and picked it up. She opened it, and a bright light came out of it once more.

She saw herself playing water balloons with Julia again, but this time, she turned off the faucet before running back to their class.



She went to the art class but only used one paper for her painting. She threw away all her trash in the bin.



She grew older and kept doing nice things for the Earth. The world around her was bright and beautiful.



“Klima!”

Klima woke up to her mother’s voice.



“You are sweating, my love. Are you having a nightmare?”

“I think so... Mommy, why do we have to love our planet?” Klima asked.

“Our planet is going through a lot, Klima. It’s now hotter than usual, we experience super typhoons, and the land is drier than before. This is called climate change,” Klima’s mom explained.

“Why did that happen?” Klima asked.



“Because people did not take care of the Earth. But, don’t lose hope. I’m a scientist, remember? People like me find ways to help the Earth get by. Have I told you what Mommy does for work?”

“I just know you study rice,” Klima answered with a yawn.



“I do. I’m studying how to make rice live through the hot and dry weather. Other scientists studied how to make rice live with flood...” she narrates.

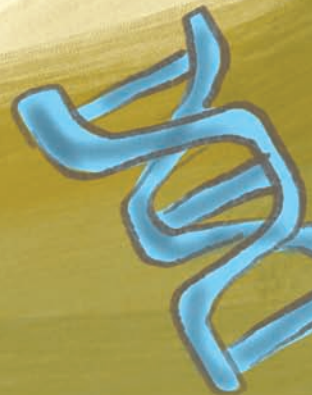
“What? How???” Klima was amazed.



“Remember Daddy fixing the door yesterday? He used a toolbox, right? We also use a toolbox called biotechnology. These tools help us make stronger plants and animals so they can survive climate change.”

“You’re awesome, Mom! Can’t wait to tell my friends about what you do,” Klima told her mom.

“You are awesome, too, Klima! You love the Earth, and if we work together, our planet will not change that much.”







A stylized illustration of a person's head and shoulder in profile, facing right. The person has short, teal-colored hair and is wearing a light-colored top with orange and white stripes. The background is a deep purple night sky filled with numerous small, glowing yellow stars. The overall style is soft and painterly.

Klima's mom kissed her on the forehead.

"Go back to sleep now, my love," Klima's mom said
as she walked out of the room.

Klima checked her drawer and saw the pocket
mirror. She closed the drawer and turned
off the lamp.

"Klima loves the Earth," she whispered and closed
her eyes with a smile on her face.

The future ahead of her is bright and beautiful.

Let's learn with Klima!

CLIMATE (*Klima* in Filipino)
the usual weather for a place
and time of the year.

To know more about climate
change and biotechnology,
visit bit.ly/ISAAAPocketK43 or
www.isaaa.org.

CLIMATE CHANGE
the shifts in weather patterns
(like temperature and rainfall)
in a place over many years.

Some effects of climate change:

- hotter temperatures
- super typhoons
- drier lands

BIOTECHNOLOGY
a science technique that uses
living organisms to make helpful
products or improved plants,
animals, and other organisms.

Examples of biotech products:

- corn that can survive drought
- healthier rice
- insect-resistant eggplant

